

Your Friday Water Report

This Week's Topic:

Streambed Restoration

After disturbances in the watershed, the stream adjusts to the change in runoff volume or sediment supply by eroding its bed and banks and incising into its floodplain. As the channel erodes, flood flows become confined to the entrenched channel and move at high velocity rather than slowing and spreading out over the floodplain. Aquatic and riparian habitats are not supported by the entrenchment process and are often scoured out and desiccated. Restoration projects need to address the high velocity flow by introducing water slowing structures, widening the channel and providing points of floodwater escape. *(Topic by Hermit's Peak Watershed Alliance)*

Daily Averages for 03/16 – 03/22

Gallinas River Flow 15.88 Mgd

This week in 2015 was 43.21 Mgd*

Avg. River Diversions 3.10 Mgd

Yr. to date 130 Mg*; year max. 908 Mg

Draw from Wells 0.00 Mgd

This week in 2015 was 0.00 Mgd

Fresh Water Demand 1.42 Mgd

This week in 2015 was 1.46 Mgd

As of 03/22/16:

Bradner Storage 0.00 Mg

Peterson Storage 53.02 Mg

Reservoir Storage 31.1%

Las Vegas Airport Rainfall 0.05"

Snowpack Depth 31 inches

Snowpack Water Equiv. 12.6 inches

This date in 2015 was 12.6 inches

This date median is 15.1 inches

*Mgd = Million gal. per day, Mg = million gal.

Did You Know?

During the last five years, the City's average annual diversion from the Gallinas River was about 285 million gallons of water (875 acre-feet) less than its surface water rights allowed.



See water leaks, water waste, or water violations? Tell someone ! 426-3319



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